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| FORM PTO-1390<br>MODIFIED  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER<br><b>427-113</b>                             |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371 |   | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><b>10/594865</b> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/JP2005/005922</b>  | INTERNATIONAL FILING DATE<br><b>29 March 2005</b>       | PRIORITY DATE CLAIMED<br><b>31 March 2004</b>                          |

TITLE OF INVENTION

METHOD OF RESTARTING FEED AIR PURIFIER

APPLICANT(S) FOR DO/EO/US

Morimitsu NAKAMURA et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
  2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
  3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
  4. ☐ The U.S. has been elected (Article 31).
  5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
    - a. ☒ is attached hereto (38 pages specification, claims & abstract (9 claims), 25 sheets drawings).
    - b. ☒ has been communicated by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(3))
    - a. ☒ is attached hereto (60 pages specification, claims & abstract (9 claims), 25 sheets drawings).
    - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
  7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
    - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
    - b. ☐ have been communicated by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
    - d. ☐ have not been made and will not be made.
  8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9.
    - a. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
    - b. ☐ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (      page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
  10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11 To 20 below concern document(s) or information included:**
11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
  12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
  13.
    - a. ☒ A FIRST preliminary amendment.
    - b. ☐ A SECOND or SUBSEQUENT preliminary amendment.
  14. ☐ An Application Data Sheet under 37 C.F.R. § 1.76.
  15. ☐ A substitute specification.
  16. ☐ A change of power of attorney and/or address letter.
  17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
  18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
  19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
  20. ☒ Other items or information. International Search Report

IAP2 Rec'd PCT/PTO 28 SEP 2006

|  |                                     |   |       |  |                           |
|--|-------------------------------------|---|-------|--|---------------------------|
| U.S. APPLICATION NO. (known use: 37 C.F.R. 1.53)<br><b>To be assigned</b>  |                                     | INTERNATIONAL APPLICATION NO.<br><b>PCT/JP2005/005922</b>                     |       | ATTORNEY'S DOCKET NUMBER<br><b>427-113</b> |                           |
| <input checked="" type="checkbox"/> The following fees are submitted:  |                                     |   |       |  |                           |
| <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)):</b>   |                                     |   |       |  |                           |
| 21.  | <input checked="" type="checkbox"/> | Basic national fee .....  |       |  | \$ 300.00                 |
| 22.  | <input checked="" type="checkbox"/> | Examination Fee .....   |       |  | \$ 200.00                 |
| 23.  | <input checked="" type="checkbox"/> | Search Fee .....  |       |  | \$ 400.00                 |
|  |                                     |   |       |  | \$ 900.00                 |
| <b>TOTAL OF ABOVE CALCULATIONS</b>   |                                     |   |       |  |                           |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |                                     |   |       |  |                           |
| Total Sheets   | Extra Sheets                        | Number of each additional 50 or fraction thereof (round up to a whole number) |       | RATE                                       |                           |
| 85   | -100                                | 0   | /50 = | 0.00                                       | \$ 0.00 (1681)            |
|  |                                     |   |       |  | \$ 0.00 (2681)            |
| Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).   |                                     |   |       |  |                           |
|  |                                     |   |       |  |                           |
| CLAIMS   | NUMBER FILED                        | # EXTRA   | RATE  |  |                           |
| Total Claims   | 9                                   | minus 20 =  | 0 X   | \$50.00 (1615)/                            | \$25.00 (2615)            |
| Independent Claims   | 4                                   | minus 3 =   | 1 X   | \$200.00 (1614)                            | \$100.00 (2614)           |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)   |                                     |   |       | \$360.00 (1616)/\$180.00 (2616)            |                           |
| Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254) |                                     |   |       |  | \$ 0.00                   |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.  |                                     |   |       |  |                           |
| Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).  |                                     |   |       |  |                           |
|  |                                     |   |       |  | \$ 0.00                   |
| <b>TOTAL NATIONAL FEE =</b>  |                                     |   |       |  | \$ 1100.00                |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property  |                                     |   |       |  | \$ 40.00                  |
| Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453)   |                                     |   |       |  | \$ 0.00                   |
| <b>TOTAL FEES ENCLOSED =</b>   |                                     |   |       |  | \$ 1140.00                |
|  |                                     |   |       |  | Amount to be refunded: \$ |
|  |                                     |   |       |  | Amount to be Charged: \$  |

IAP2 Rec'd PCT/PTO 28 SEP 2006

U.S. Application No. To be assigned; Atty Docket No. 427-113

- a. ☐ A check in the amount of \$1140.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$\_\_\_\_\_ to cover the above fees.  
A duplicate copy of this form is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.
- d. ☒ **CREDIT CARD PAYMENT FORM ATTACHED.**
- e. ☒ The entire content of International Application No. PCT/JP2005/005922 and any U.S. and foreign application(s) corresponding thereto, and JP 2004-101690, 2004-101692 and 2004-102084, referred to in this application is/are hereby incorporated by reference in this application.

**NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.**

**CORRESPONDENCE ADDRESS**

Direct all correspondence to:

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**Arthur R. Crawford**  
NAME

**25,327**

REGISTRATION NUMBER

**September 28, 2006**

Date